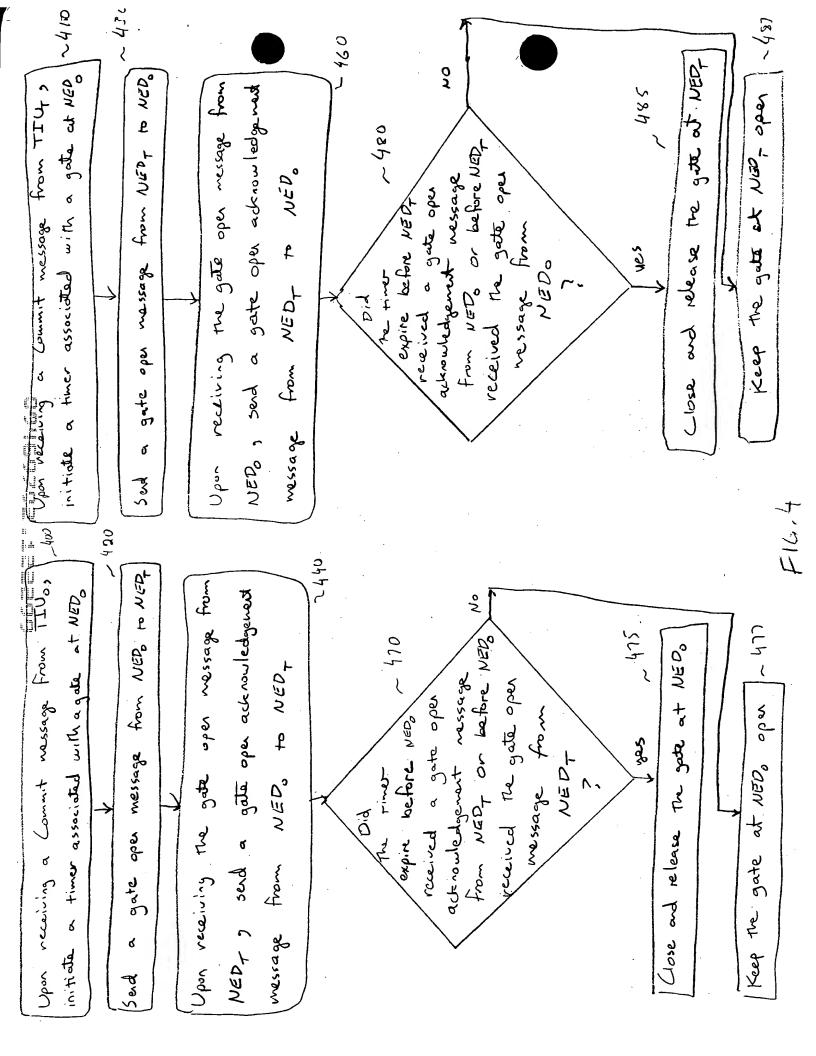
7

16.7

Send, from TI to GCo and Tr, a setup \~210 message for the call Establish a gate at NEDT upon receiving the sety nessay from GLT Establish a gate at NED. upon receiving the -230 setup nessage from GCo Send a reserve nassage from TIUo to NEO. ~ 240 Send a reserve nessage from TIUT to NEDT) ~250 Exchange end- to- end nessage between TIVO and TIV - 260 Upon connecting the calling party and tre called party, send a commit nessage from TIUs to ~270 NEO. and from TIUT to NEDT Upon receiving the Commit nessage at NEPo, open the gate at NED. Upon receiving the Commit nessage at NEDTS open me gote at NEDT

Calling party and off-hook and did a telephone number of the called party TIVo collects the dialed digits ~ 320 TIVO sends a setup nessage to GCO ~ 330 Forward The setup nessage to GCT Forward the set op nessage to TIUT ~350 360 If the destination address of the setup nessage matches TIUT, sending to the TIUs a setup acknowledgement necross Reserve retwork resources ~370 Send from TIU0 to TIUT on end-to-end king nessage Send from TIUT to TIUO on end-to-end Ringback nessage Upon call acceptance by the called party, send on end-to-end Connect wessage from TIUT to TIU.



Packets are sent from TIUO to NEDO ~ 500
Translate pe local source address and local
destination address to a global source address ~510
and a global destination address
Forward the translated packets from NEDs to NEDT
Translate the global source address and the global
acstration address to a sound /
and a second local address
Send the translated packets from NEDT to TIUT ~ 540

F16.5

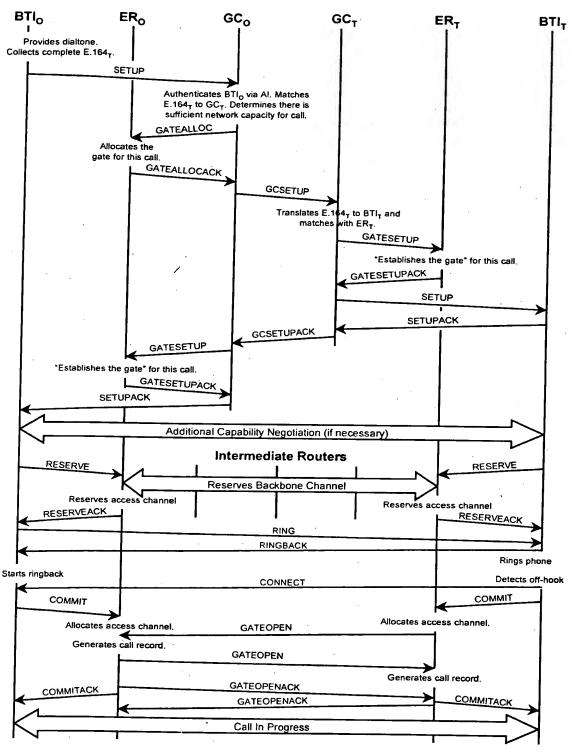


Figure 6

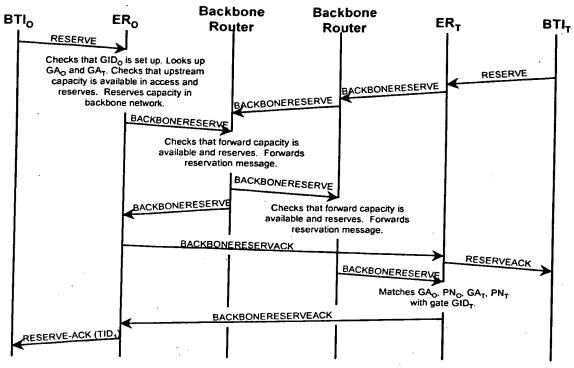
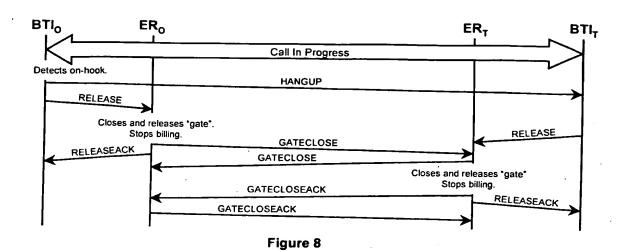


Figure 7



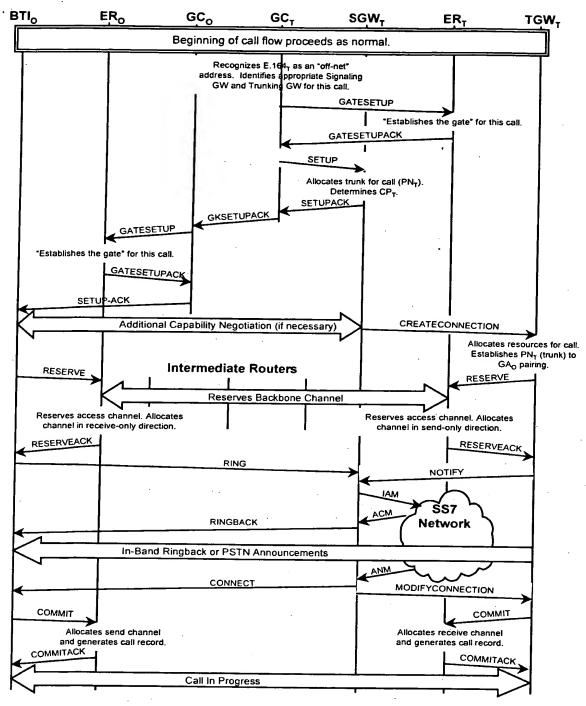


Figure 9

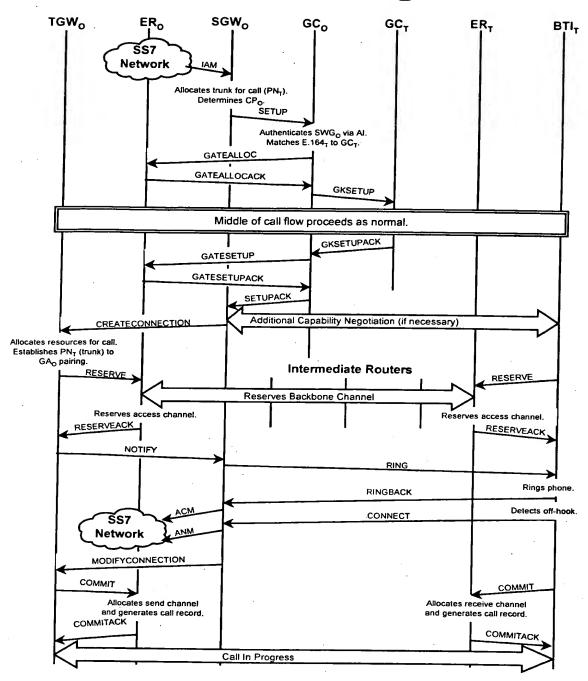


Figure 10

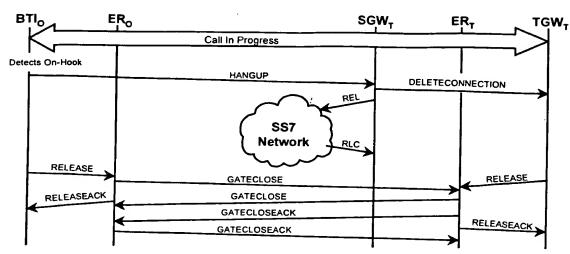


Figure 11

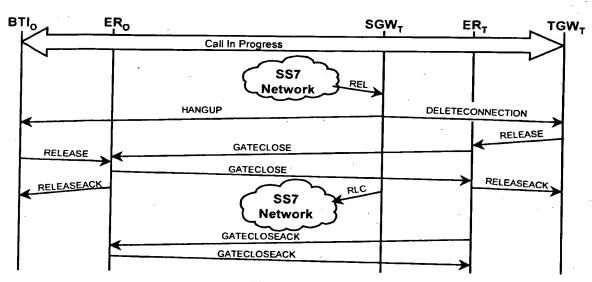


Figure 12

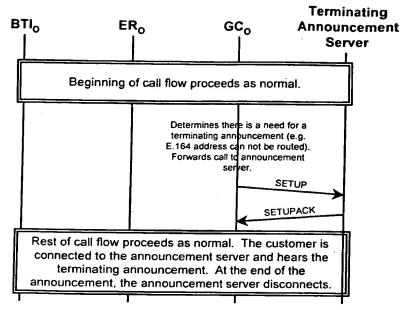
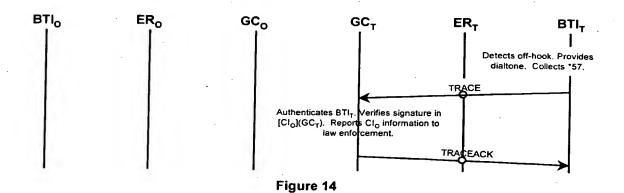
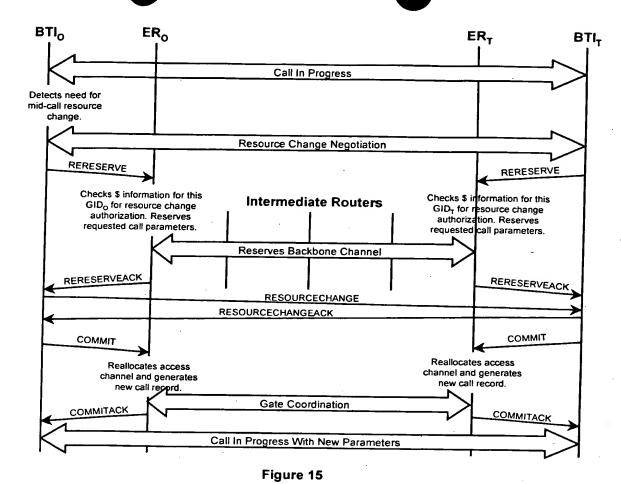


Figure 13





BTIO ER_{O} GCo GC_T BTIT ER_T Detects off-hook, Provides dialtone. Collects *72. Prompts for and receives valid E.164 forwarding address. PROFILE Authenticates BTI_T. Checks E.164_F to ensure it is a valid address. Activates call forwarding PROFILEACK Stores call forwarding active information and provides positive feedback to customer. Figure 16

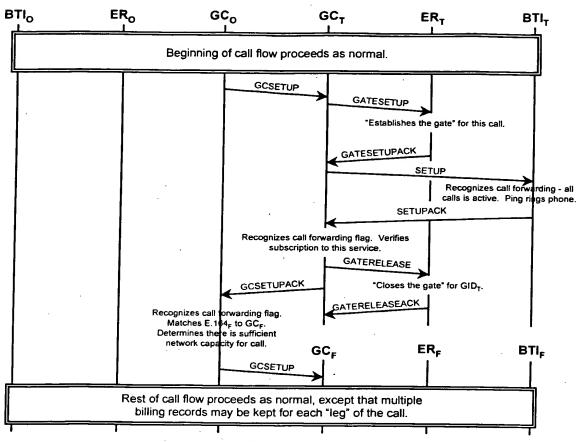


Figure 17

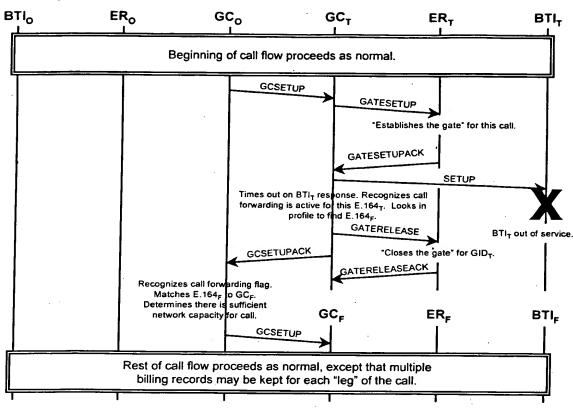


Figure 18

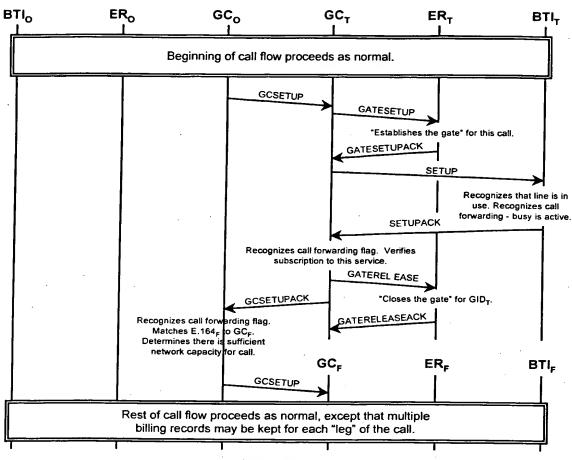
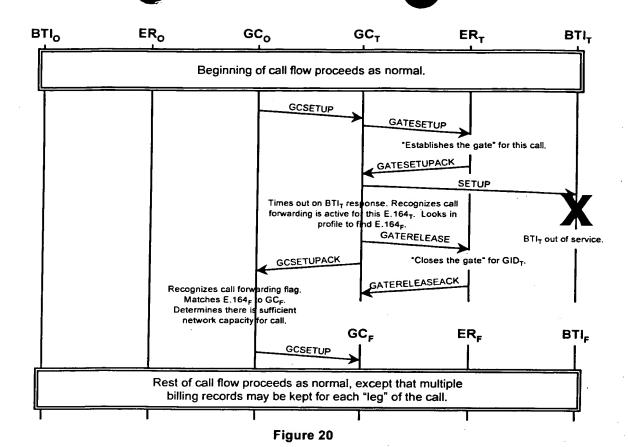


Figure 19



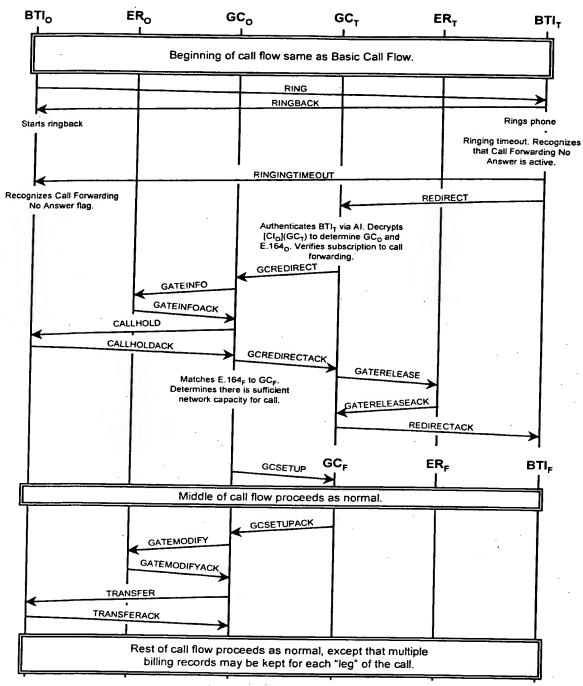


Figure 21

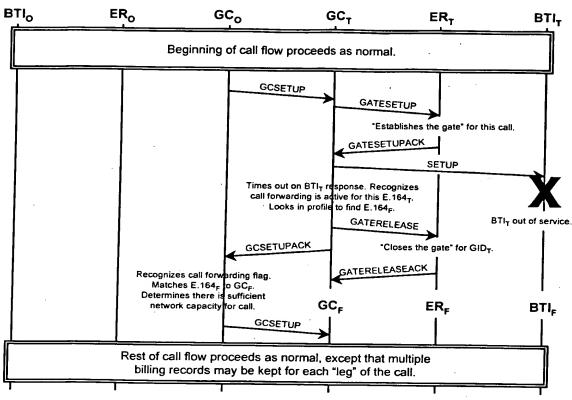
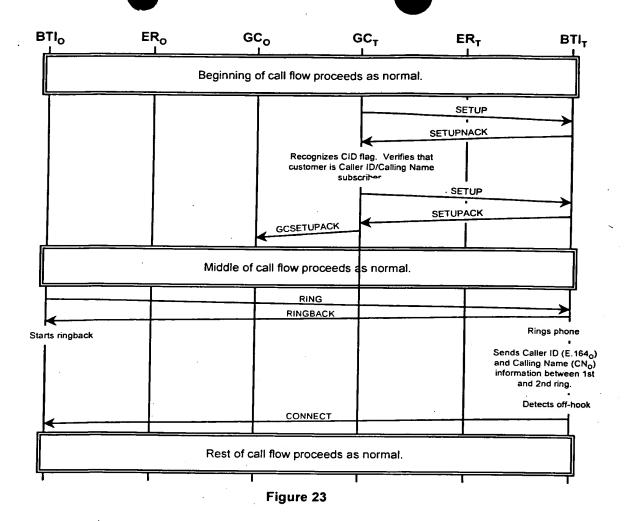
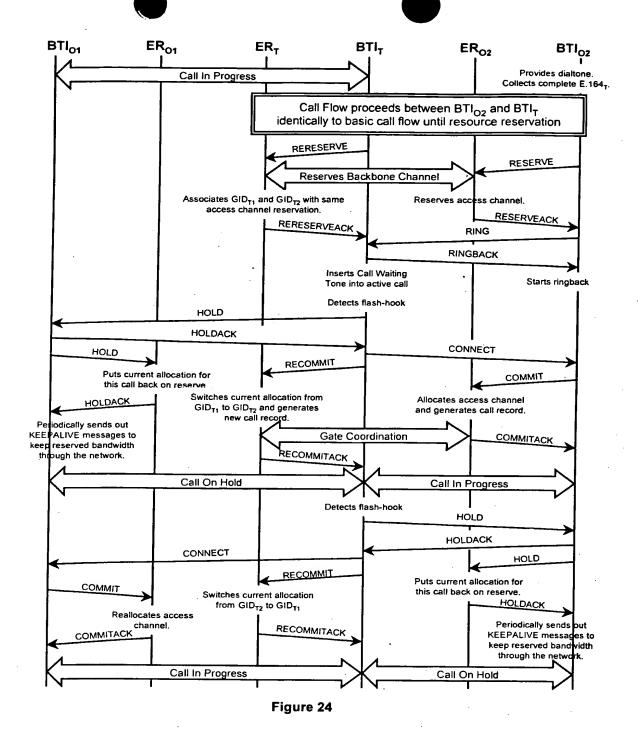


Figure 22





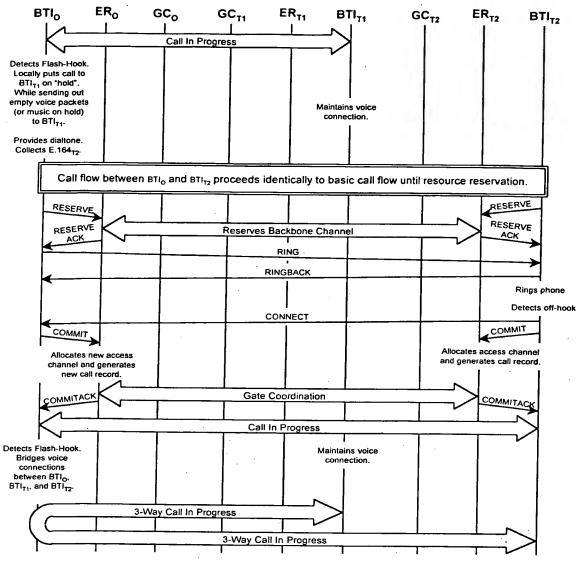


Figure 25

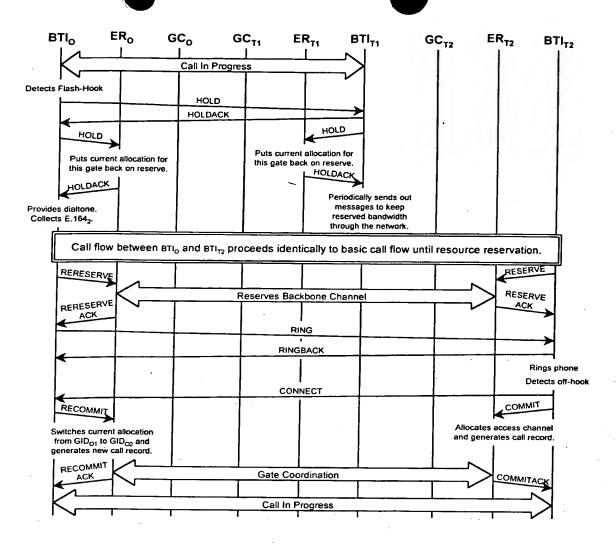


Figure 26

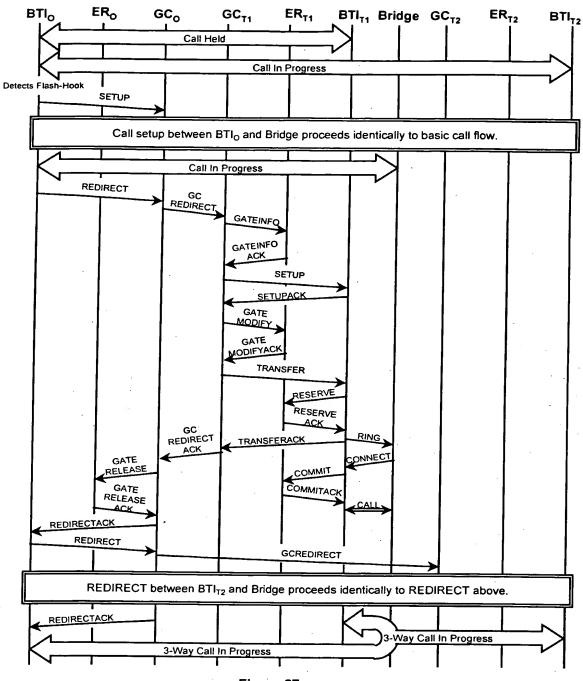
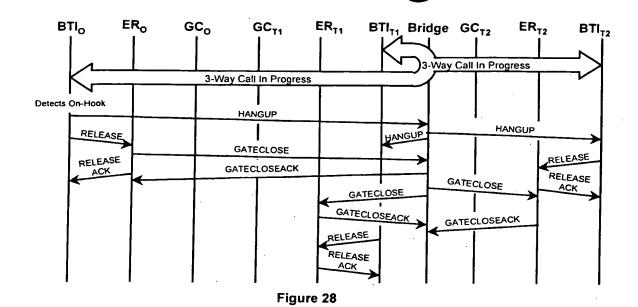


Figure 27



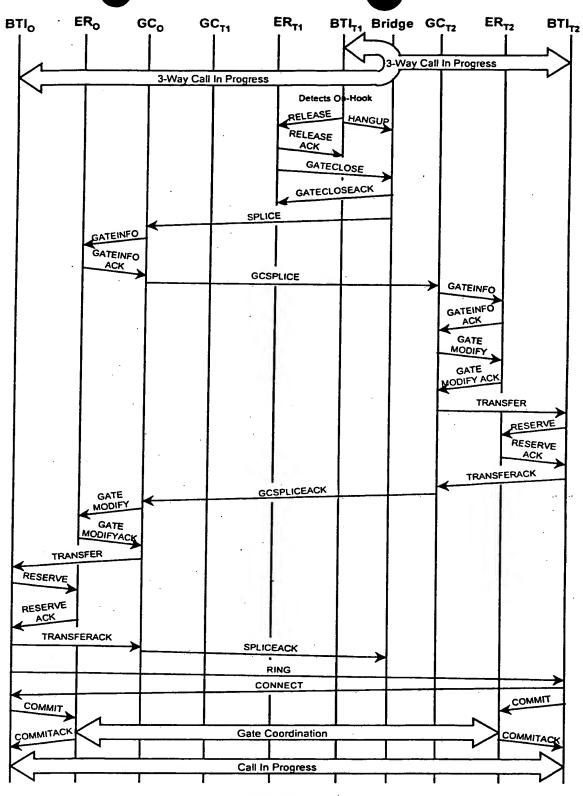


Figure 29

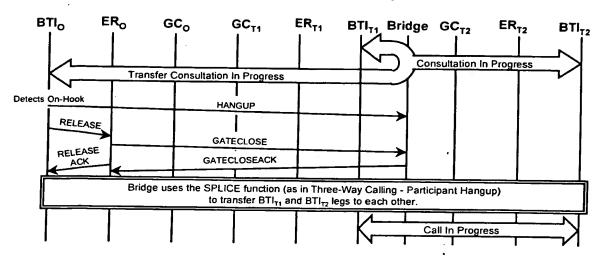
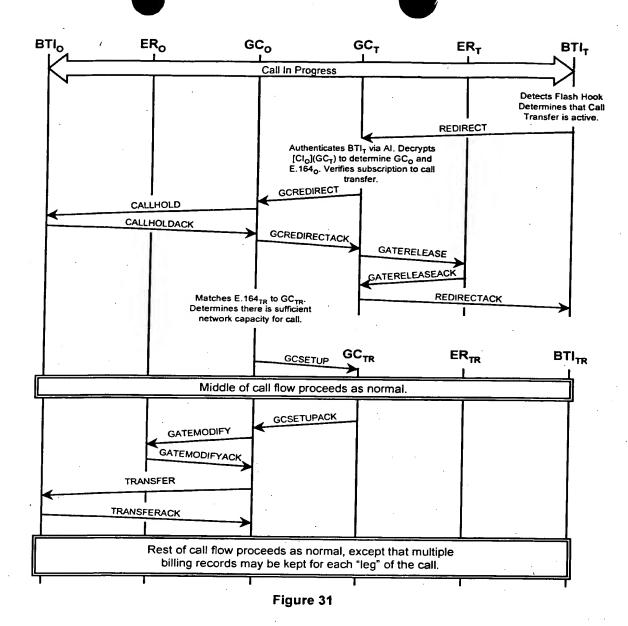
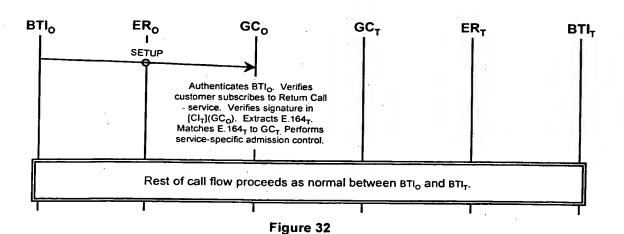


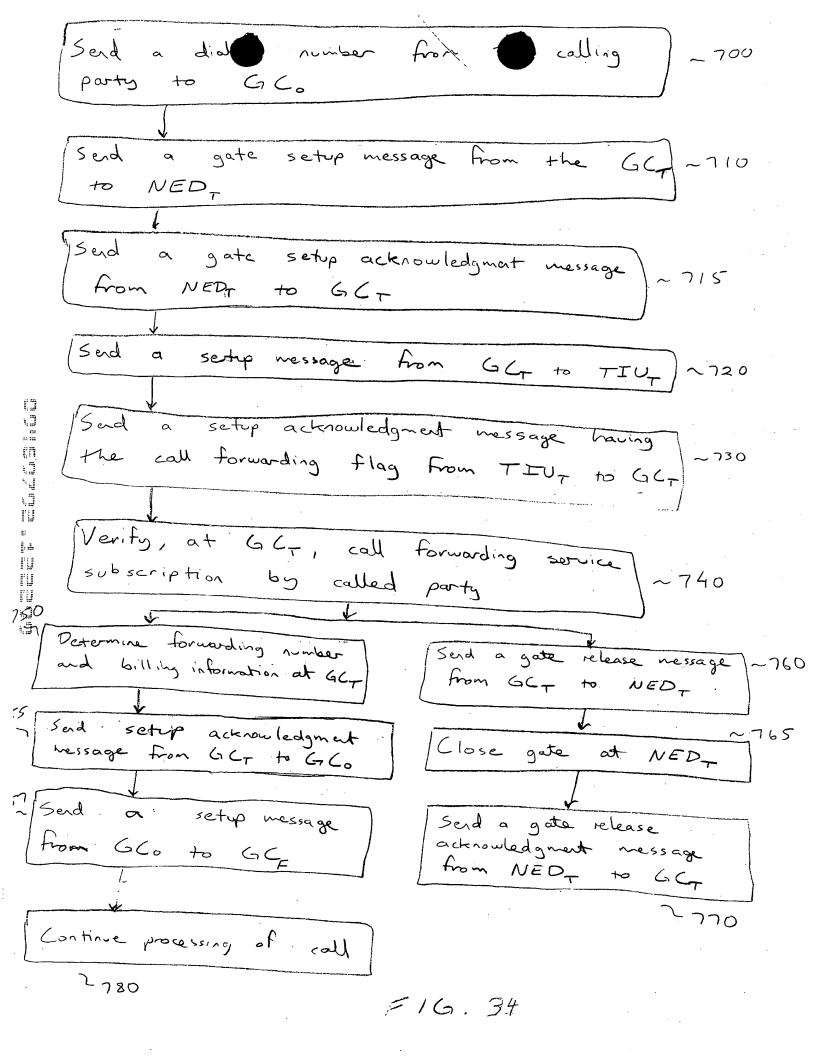
Figure 30





Sending a may message to a tormating TIU/~ 1000
Upon ringing the terminating telephone, sending a
ring back nessage from the torm
Tiu to the originating Tiu
Salanin
Selecting a prestored ringback signal from a
set of prestored ringback signals, the selected prestored1200
ringback signal being associated with terminating
access retwork
Sending the selected prestored mingback
signal to the calling, party
La the called party asign the
Upon the called party going off hook,
party to the calling party
Discontinue providing the ring back ~ 1500
signal to the calling party
/ Process the call as normal ~1600

F16.33



east, seed threat ressage a TIUT to TIU. redirect nessage from TIUT to Verify, at GCT, call forwarding service subscription by called party Detornine, at GC+, the forwarding number and willing information GC redirect nessage from GC, to GC with billing information a Call hold nessage from GC 0 to TIU0 Send a GC setup nessage from GCo to GCF send GC setup acknowledgment nessage Sed a Gatemodity nessage from GCo to NED a Transfor vessage from GLo to TIU. Montinue processing call

F16. 35

	Receiving a prollare request from a surveillance - 9	00
	receiver	_ 9،
	In the detabase - and associated with the communic	- 1200
	1000 iging a service is service	
	line to indicate a surveillance request	·
Ī	ON A PER-CALL BASIS	7.
	[Upon receiving a setup nessage at GCo ;	
	6 Coverifies whether the communication line is to	
	be surveiled based on database record	
	930	·
	Sending a message indicating the address of	
r=.	to we will be the from GCo	
	tre surveillance receivor to NEDo from GCo	
i 1970	7940	
ikun Ku	Sending a surveillance nessage indicating te	
B	dided number to the surveillance receiver	
	from GCo	
	· ·	
	Sading a supplimental nessage with surveillance information ~ 950	
	to the surveillance receiver from NEDO	
	Multicasting packeds	
	from NEDo to call receipents and the ~960	
	surveillance receiver	
	Serding a supplicated nessage with screellance information	
	tre end of the call	•
	The era of	

Send a refler message from 100 to NEDO after truo sends a retip message to NEDo /~2000 and after TIU. receives a setup acknowledgment message Checks availability and reserves bi-directional capacity in the originating access networks Send a backbone reserve message from NEDO to a router within communication retwork After receiving the backbone reserve nessage of the router within communication retwork, whech - > 300 availability and reserve forward-direction Capacity Forward the backbone reserve nessage from \ ~ 2400 nouter with the communication retwork At NEDO, receive a backbone reserve acknowledgment message from NEDT Sond a reserve acknowledgment message from NED to TIUO

F16. 37